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Attention: Commissioner of Patents	Date: April 4, 2006
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Total pages, including cover sheet: 10

Comments

Please find attached an Amendment to the Claims for the pending application:

No. 10/661,466, Applicants, Vitaliano, et al; Russell S. Negin, Examiner, Art Unit 1631

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April 4, 2006

Commissioner of Patents
Alexandria, VA 22313-1450

Re: Amendment of Claims

This is an Amendment to the Claims for the pending application:

No. 10/660,466
Applicants, Franco Vitaliano & Gordana Vitaliano
Russell S. Negin, Examiner,
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PATENT APPLICATION No. 10/661,466
Applicants: Franco Vitaliano and Gordana Vitaliano
Amendments to the Claims
April 4, 2006

Claims

- 1 1. (Original): A quantum information processing platform comprising,
2 a plurality of quantum information processing elements each having,
3 a cage defining a cavity formed from a plurality of self-assembling protein molecules,
4 and one or more cargo elements located within the cavity, wherein
5 at least one of the cargo elements comprises a qubit programmable into a plurality of
6 logical states.
- 1 2. (Original): A quantum information processing platform according to claim 1, wherein the
2 quantum information processing elements comprise,
3 receptors for capturing and positioning the one or more cargo elements within the cavity.
- 1 3. (Original): A quantum information processing platform according to claim 2, wherein